

## SEQUENCE LISTING

<110> THE STATE OF OREGON ACTING BY AND THROUGH THE STATE BOARD  
OF HIGHER EDUCATION ON BEHALF OF OREGON STATE UNIVERSITY

Azevedo, Mark  
Armstrong, Donald  
Mills, Dallice I.  
Banowetz, Gary  
Russell, Brian  
Groenig, Aleta  
Elliott, Lloyd

<120> BACTERIAL BIOHERBICIDE FOR CONTROL OF GRASSY WEEDS

<130> 245-67314

<150> US 60/431,651

<151> 2002-12-06

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<170> PatentIn version 3.2

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<211> 200
<212> PRT
<213> Pseudomonas fluorescens

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<400> 8

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Thr Met Asp Trp Cys Asp His Gly Val Glu Phe Ala Lys Thr Val Phe
20           25           30

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```

Ser Asn Leu Glu Val Phe Cys Trp Asp Pro Gly Asp Pro Tyr Pro Tyr
35           40           45

```

```

His Leu Asp Asn Trp Glu Gly Asp Trp Ile Ile Ser Tyr Arg Gly Asp
50           55           60

```

```

Phe Ile Phe Pro Pro Ser Ile Tyr Lys Asn Ala Arg Lys Gly Ala Ile
65           70           75           80

```

```

Asn Leu His Pro Ala Pro Pro Lys Tyr Arg Gly Leu Gly Ser Gln His
85           90           95

```

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Tyr Ala Ile Tyr Tyr Asn Asp Glu Thr Tyr Gly Ser Thr Cys His His
13

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Asn Val Ala Pro Ala Glu Thr Ala Ser Ser Leu Arg Leu His Val Gly		
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Ala Tyr Cys Leu Gln Gln Phe Ile His Leu Leu Thr Asp Tyr Ile Leu		
145	150	155
Leu Gly Arg Pro Leu Pro Val Ser Pro Glu Asn Trp Gly Glu Arg Leu		
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Tyr Lys Gln Ser Glu Leu Lys Pro Trp Met Glu Lys Ile Arg Ala Gln		
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 <211> 549  
 <212> DNA  
 <213> Pseudomonas fluorescens

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&lt;210&gt; 11

&lt;211&gt; 67

&lt;212&gt; PRT

<213> *Pseudomonas fluorescens*

&lt;400&gt; 11

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20 25 30

Asp Val Pro Leu Gly Thr Val Met Ser Arg Leu Ser Arg Ala Arg Gln  
35 40 45

Ala Leu Arg Gln Leu Ser Asp Gly Glu Ile Ala Ser Pro Ser Leu Arg  
50 55 60

Ile Leu Lys  
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<211> 230  
<212> PRT  
<213> Pseudomonas fluorescens

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His Gln Leu Leu Glu Ser Asp Arg Arg Val Leu Glu Thr Trp Leu Thr  
20 25 30

Ala His Pro Asp Val Ala Ala Gln Val His Ala Trp Gln Gln Asp Ala  
35 40 45

Gln Leu Leu Arg Ala Ser Leu Ser Gly Ala Leu Gln Gln Pro Ala Asn  
50 55 60

Pro Asn Leu Asp Pro Ala Leu Phe Ala Thr Ala Ala Val Leu Leu Ile  
65 70 75 80

Ala Val Ser Leu Gly Gly Leu Gly Gly Trp His Ala Arg Glu Ala Thr  
85 90 95

Gln Ser Pro Gln Gln Pro Met Ala Asp Ala Met Gln Ala Phe Arg Leu  
100 105 110

Phe Ala Gln Asp Gly Ile Leu Pro Ala Asp Tyr Asn Ala Gln Asp Ser  
115 120 125

Gly Thr Met Gln Ala Trp Leu Asp Arg Tyr Phe Asn Gln Ala His Arg  
130 135 140

Leu Pro Asp Leu Ser Pro Ser Gly Phe Lys Pro Val Ser Gly Arg Leu  
 145 150 155 160

Leu Ser Thr Glu Gln Gly Ala Ala Ala Met Val Leu Tyr Gln Asp Ala  
 165 170 175

Gln Gly Arg Arg Ile Ser Phe Tyr Ile Arg Pro Pro Gly Pro Asn Asn  
 180 185 190

Gly Phe Leu Pro Arg Gly Ser Arg Thr Ala Asp Gly Leu Gln Ala Gln  
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 210 215 220

Gln Val Pro Ala His Ala  
 225 230

<210> 13  
 <211> 14  
 <212> PRT  
 <213> Pseudomonas fluorescens

<400> 13

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